

Application No. 10/023,643

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REMARKS

In the Action of June 22, 2006, Examiner rejected claims 1-3 and 12-14 under 35 USC 102(e) as being anticipated by United States Patent No. 6,631,122 to Arunachalam et al. ("Arunachalam"). Examiner further rejected claims 4-6 and 15-17 under 35 USC 103(a) as being unpatentable over Arunachalam in view of United States Patent No. 6,633,571 to Sakamoto et al. ("Sakamoto"). Still further, Examiner rejected claims 7, 11 and 23-25 under 35 USC 103(a) as being unpatentable over Arunachalam in view of Sakamoto and United States Publication No. 2002/0131408 to Hsu et al. ("Hsu", collectively, the "Cited References"). However, Examiner indicated that claims 9-10, 18-19 and 21-22 would be allowable if re-written to incorporate the features of their base claim and intervening claims.

Applicant herein amends independent claims 1, 12, 24 and 25.

Referring first to amended claim 1, it has been amended to incorporate aspects of old claims 3 and 9 (now cancelled). Applicant submits that amended claim 1 is novel and non-obvious in view of the Cited References. Specifically, amended claim 1 is directed to a method of translating at least one quality of service (QoS) parameter of a data element from a first transmission protocol to a second transmission protocol using a two stage mapping: a first stage in which the at least one QoS parameter relating to the first protocol is mapped to a class of service value; and a second stage in which the class of service value and a drop precedence value of the data element are mapped to another parameter indicating a quality of service provisioning for the second transmission protocol. See for example, Applicant's application as published under US 2003/0118026 at paragraphs [0030] and [0062].

This two-stage translation is neither taught nor suggested in the Cited References. Arunachalam describes a wireless QoS agent for converting IP-based transmission information to wireless transmissions. Arunachalam describes extraction of a ToS/DS byte from an IP header and using a wireless QoS agent to examine the byte, and convert it to a class of service (CoS) in a

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3G wireless network. Arunachalam does not teach the two-stage translation of amended claim 1, in which a QoS parameter is first translated into a class of service, and the class of service is used along with a drop precedence value to map a QoS parameter in the second transmission protocol.

Like Arunachalam, the teaching of translation tables in Sakamoto's description of a virtual private network established over different internet service providers and the methods described by Hsu for emulating a circuit over a MPLS network, do not teach the two-stage mapping features of amended claim 1.

Claim 12 is amended to track the amendments of claim 1, and it incorporates aspects of old claims 14 and 21 (now cancelled). In view of the above, Applicant traverses the rejections of claims 1 and 12, and all claims depending therefrom, under 35 USC 102 and 103.

As indicated above, Examiner had indicated that claim 9 would be allowable, if it was re-written in independent form. Applicant herein amends each of claims 24 and 25 to incorporate features of claim 9 and its base and intervening claims, with grammatical and antecedent adjustments. Applicant respectfully submits that claims 24 and 25, as amended, are also allowable over the Cited References and thus traverses the rejection under 35 USC 103 thereto.

Applicant herein re-introduces old dependent claims 8 and 20 as new claims 26 and 27, with antecedent adjustments consistent with newly amended claims 1 and 12, respectively. Antecedent adjustments have also been made to claims 4, 10, 11, 15, 18, 22 and 23 in the present response.

Despite Examiner's comments in paragraph 1 of page 11 of the Action, Applicant understands paragraph no. 1 of page 2 of the Action of June 22, 2006 to confirm that all outstanding rejections under 35 USC 112 have been traversed. Applicant thus provides no further comments in this regard in the present response.

Exemplary support for the present amendments is found at Applicant's application, as published under US 2003/0118026, at paragraphs [0030] and [0062]. No new subject matter is


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provided with the present amendments. In view of the above, Applicant submits that the application is in condition for allowance. Applicant earnestly solicits that this application be permitted to proceed to allowance. The Examiner is invited to contact the undersigned by telephone to discuss this case further, if necessary.

Respectfully submitted,

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